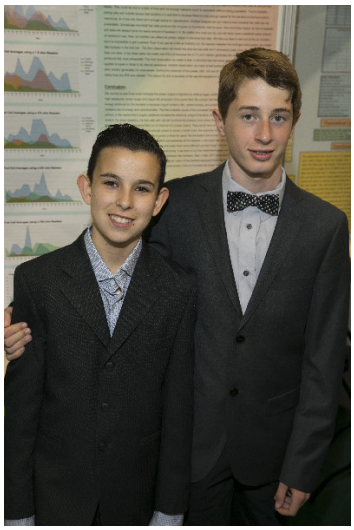
CWSF 2017 - Regina, Saskatchewan



Patrick Bennett

Bacteria at Work

Challenge: Energy
Category: Junior
Region: Cariboo Mainline
City: Kamloops, BC
School: St Ann's Academy
Abstract: The purpose of our project was to find an alternative fuel resource in hopes of combating global warming by harnessing energy from bacteria. By adding sugary additives such as brown sugar, corn syrup and yogurt we hoped to increase the electrical output of bacteria in a microbial fuel cell. Under circumstances of high resistance, bacteria with yogurt produced more power than other additives used.

Biography

My name is Patrick Bennett. I am in grade eight, and am currently attending St. Anns Academy in Kamloops British Columbia. I participate in school organizations such high school soccer, wrestling, and I also play trumpet for the high school band. I also have many other hobbies I rodeo, play defense on the Kamloops Blaze Rep soccer team, I hunt, I play hockey, I play the electric guitar, and I also ski. One of the many challenges playing sports for me was I was born with an anaphylactic allergy to peanuts so I always have to carry an epi-pen. In conclusion I would like to thank all the people that got my partner and I here, and I am grateful for the opportunity that has been given to me. I am to see all the amazing projects that will be there. Thank you.